

Abstract

The present application is directed to a method for performing a bisulfite reaction to
5 determine methylation positions in a nucleic acid, i.e. methylated and non-methylated
cytosines, whereby the nucleic acid is bound to a solid phase during the deamination
and/ or desulfonation step of the bisulfite reaction. The solid phase is preferably a
material comprising glass or silica, more preferably a glass fleece, glass membrane or a
magnetic glass particle. Further, the use of a solid phase for binding a nucleic acid during
10 the deamination and/ or desulfonation step of the bisulfite reaction is disclosed and a kit
containing a bisulfite reagent and a solid phase.